



## SAFETY DATA SHEET

Printed on Friday, 24 March 2017

GHS: According to 2015/830/EU

Code Number 3006 Macadami kallpressad eko

Version 1 Revised 24/03/2017 3:00:34 PM

### Section 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

Product Name MACADAMIA OIL PURE  
Code Number 3006 Macadami kallpressad eko  
Alternative Name  
REACH Reg No Not registered

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Concentrated material for manufacturing purposes only

#### 1.3 Details of the supplier of the safety data sheet

Naturkosmetikkompaniet AB  
Ullevi Enestorp 3  
59491 Gamleby  
Sverige

Telephone Number 0493-53999  
Email Address info@naturkosmetikkompaniet.se

#### 1.4 Emergency Tel No 112

### Section 2. HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not Classified

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### 2.2 Label elements

GHS classification according to Regulation (EC) No 1272/2008

Hazard Pictograms

Signal Word

Hazard Statements

Precautionary Statements

### 2.3 Other Hazards

Contains nothing known from the allergens list which may produce an allergic reaction

No further information available at this time

## Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

### 3.1 Substances

Description MACADAMIA OIL PURE

EC/EINECS

CAS Number

USCAS Number 128497-20-1

## Section 4. First Aid measures

Take phrases in sections 2 into account

### 4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air, lay patient on back until breathing returns to normal. Contact a doctor if necessary.

After skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

After eye contact

Flush with plenty of water for 15 minutes including under eyelid and seek medical advice if necessary.

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After ingestion

Do NOT induce vomiting. Position to avoid aspiration should vomiting occur. Wash mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed  
No further information available at this time

4.3 Indication of immediate medical attention and special treatment needed  
No further information available at this time

### Section 5. Fire-fighting measures

#### 5.1 Extinguishing Media

Carbon dioxide, foam or dry powder.  
DO NOT USE A DIRECT WATER JET.

#### 5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

#### 5.3 Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective clothing to minimise skin exposure. Avoid inhalation of vapours. Keep containers cool with water spray. Do not use direct water jet on burning material. Do not allow spillage of fire to enter drains or watercourses.

### Section 6. Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation. Evacuate all unnecessary personnel. If possible contain the spill.

#### 6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

#### 6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations. If large quantities of this material enter the waterways, contact the EPA or your local Waste Management Group.

#### 6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

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### Section 7. Handling and storage

#### 7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes. Wear protective clothing and use safety glasses. Keep in original container or an alternative made from a compatible material.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.

#### 7.3 Specific end use(s)

No further information available

### Section 8. Exposure controls / personal protection

#### 8.1 Control Parameters

No exposure standards have been established for this material by Work safe Australia. However as a matter of course avoid repeated or prolonged contact with the skin. Keep out of eyes. Do not ingest. Use with good ventilation, do not breathe vapour. Sensitive individuals may develop an allergic response.

#### 8.2 Exposure controls

##### Engineering controls

Natural ventilation should be sufficient, however where vapours of mists are generated the use of a grounded mechanical exhaust ventilation system is recommended.

##### Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

##### Eye/face protection

Use splash-proof safety glasses and face shield where splashing is possible.

##### Hand protection

Wear chemically resistant disposable gloves.

##### Other skin protection

Wear overalls. Depending on conditions in the workplace, additional body protection should be considered. Always wash routinely before breaks, meals and at the end of the work period.

##### Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

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Thermal hazards

No information

Environmental exposure controls

Emissions from ventilation and process equipment should be checked to ensure compliance with environmental protection legislation.

### Section 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

FLASH POINT (°C)	>340
APPEARANCE	Slightly viscous mobile liquid
COLOUR	Colourless to pale yellow
ODOUR	Almost odourless
ODOUR THRESHOLD	Not available
pH @20 DEG C	Not applicable
MELTING/FREEZING POINT	Not available
INITIAL BOILING POINT AND RANGE	Not available
EVAPORATION RATE	Not available
FLAMMABILITY (SOLID/GAS)	Not available
UPPER/LOWER FLAMMABILITY LIMITS	Not available
VAPOUR PRESSURE	Not available
VAPOUR DENSITY	Not available
SPECIFIC GRAVITY @ 20 deg C	0.905 to 0.92
SOLUBILITIES	Insoluble in water
PARTITION COEFF N-OCTANAL/WATER	Not available
AUTO-IGNITION TEMPERATURE	>300 deg C
DECOMPOSITION TEMPERATURE	Not available
VISCOSITY @ 20 DEG C	Not available
EXPLOSIVE PROPERTIES	Not available

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OXIDISING PROPERTIES Not available

### 9.2 Other information

No further information available

### Section 10. Stability and reactivity

#### 10.1 Reactivity

Not determined

#### 10.2 Chemical Stability

Stable under the recommended storage conditions (see section 7).

#### 10.3 Possibility of hazardous reactions

No hazardous reactions if stored under suitable storage conditions.

#### 10.4 Conditions to avoid

Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to air.

#### 10.5 Incompatible materials

Keep away from oxidising agents and from highly alkaline or acidic material.

#### 10.6 Hazardous decomposition products

During combustion may form carbon monoxide, carbon dioxide and unidentified organic compounds.

### Section 11. Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

May be harmful if swallowed.

##### Skin corrosion / irritation

May cause skin irritation.

##### Serious eye damage / irritation

May irritate eyes.

##### Respiratory or skin sensitisation

No data

##### Germ cell mutagenicity

No data

##### Carcinogenicity

No data

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Reproductive toxicity

No data

STO-single exposure

No data

STO-repeated exposure

No data

Aspiration hazard

No data

Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics

No data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

Interactive effects

No data

Other information

No data

### Section 12. Ecological information

#### 12.1 Toxicity

No data available. Avoid soil, surface water and water-bearing stratum contamination.

#### 12.2 Persistence and degradability

No data

#### 12.3 Bioaccumulative potential

No data

#### 12.4 Mobility in soil

Prevent contamination of soil, ground and surface water.

#### 12.5 Results of PBT and vPvB assessment

No data

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### 12.6 Other adverse effects

See sections 6, 7, 13 and 15.

### Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

#### 13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

### Section 14. Transport information

14.1 UN number                    Not Regulated

14.2 UN proper shipping name   Not Restricted

14.3 Transport hazard class(es)

14.4 Packing group

Tunnel Code

14.5 Environmental Hazards

No relevant information available

14.6 Special precautions for user

No relevant information available

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

### Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poisons Schedule: Not applicable

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

### Section 16. Other information

Full list of precautionary phrases

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## PRODUKT SPEZIFIKATION / Product Specification

### Bezeichnung / name of product:

**Macadamianussöl kaltgepresst, kbA /  
Macadamianut Oil Cold Pressed, Organic**

### Produktbeschreibung / product description:

100% Macadamianussöl kbA, ohne weitere Zusätze, hergestellt durch mechanische Kaltpressung und Filtration.  
100% Macadamianut oil, organic, without any additives, produced by mechanical cold pressing and filtration.

INCI:	Macadamia Integrifolia Seed Oil
CAS-Nr. / no.:	129811-19-4
EINECS-Nr. / no.:	-
Zolltarifnummer / customs tariff no.:	1515 90 59

### Zertifizierung / certification:

DE-ÖKO-005 / COSMOS certified / Kosher

### Einsatz / usage:

Naturkost / natural food  
Bio- und Naturkosmetik / organic cosmetics and natural cosmetics

### Sensorik / sensory property:

Aussehen / appearance:	gelb bis bräunlich / yellow to light brown
Geruch / odour:	arttypisch, ohne Fremdgeruch / product typical, without off-smell
Geschmack / flavour:	arttypisch, ohne Fremdgeschmack / product typical, without off flavour
Konsistenz / consistency:	flüssig / liquid

### Wirksamkeit in der Naturkosmetik / effectiveness in natural cosmetics

Das Öl der NKK wurden in einer kosmetischen Studie der Dr. Hauck R&D GmbH im Oktober 2015 durch Wirksamkeitstest auf folgende vier verschiedene Parameter getestet /  
The oil from the NKK was tested by Dr. Hauck R&D GmbH in October 2015 for cosmetic efficacy on these four parameters:

Hydratation / hydration:	12,0 %
Sebumerhöhung / sebum rise:	15,0 %
Hautglättung / skin smoothing:	1,0 %
Erythemreduktion / erythema reduction:	1,0 %

Die Ergebnisse dürfen von den Kunden der NKK für eigene Zwecke verwendet werden /  
The results may be used by the customers of NKK for their own purpose

## PRODUKT SPEZIFIKATION / Product Specification

### Chemische und Physikalische Kennzahlen / chemical and physical operating figures:

Säurezahl / acid value:	mg KOH/g	< 8,0
Peroxidzahl / peroxide value:	meq O <sub>2</sub> /kg	< 15,0
relative Dichte / relative density: (20°C)	-	0,900 - 0,930
Brechungsindex / refraction index: (20°C)	-	1,4660 - 1,4700

### Fettsäurezusammensetzung / fatty acid composition:

C16:0 Palmitinsäure / palmitic acid:	%	6,0 - 12,0
C16:1 Palmitoleinsäure / palmitoleic acid:	%	13,0 - 27,0
C18:0 Stearinsäure / stearic acid:	%	2,0 - 4,0
C18:1 Ölsäure / oleic acid:	%	52,0 - 68,0
C18:2 Linolsäure / linoleic acid:	%	1,5 - 6,0
C18:3 Linolensäure / linoleic acid:	%	< 1,0
C20:0 Arachinsäure / arachidic acid:	%	1,5 - 4,0
C20:1 Eicosensäure / eicosenoic acid:	%	1,5 - 4,0
C22:1 Erucasäure / erucic acid:	%	< 1,0

### Allergene / allergens:

Wird ausschließlich aus sortenreiner Rohware hergestellt und ist frei von tierischem Protein. Das Produkt enthält weniger als 1 mg/kg Fremdprotein.

Produced from homogeneous raw material and free from animal protein. The product contains less than 1,0 mg/kg foreign protein.

### GVO / GMO:

GVO-frei gemäß Verordnung (EG) Nr. 834/2007

GMO-free according to regulation (EC) no. 834/2007

### Tierversuchsfreiheit - BSE/TSE - vegan / non animal testing - BSE/TSE - vegan:

Dieses Produkt ist nicht in Tierversuchen getestet worden, es ist rein pflanzlicher Herkunft, somit vegan und stellt dadurch keine Gefahr durch BSE/TSE dar.

This product is not tested on animals, it is produced of vegetable raw material, therefore vegan and thereby no risk of BSE/TSE.

### Nanotechnologie - Bestrahlung - CMR-Stoffe / nanotechnology - radiation treatment - CMR-Materials:

Dieses Produkt wird nicht bestrahlt und enthält weder Nanopartikel, noch Gefahrstoffe, die karzinogen, mutagen oder reproduktionstoxisch wirken.

This product is not treated with radiation and does not contain nanoparticles or carcinogen, mutagen and reprotoxic substances.



## PRODUKT SPEZIFIKATION / Product Specification

### **Schadstoffe - Kontaminanten / pollutants - contaminants:**

Allgemein:	Entsprechend den in Deutschland geltenden gesetzlichen Bestimmungen.
Pestizide:	Entsprechend der BNN-Orientierungswerte.
General:	According to effective legal regulations in Germany.
Pesticides:	According to the BNN-assessment values.

### **Lagerung - Haltbarkeit / storage - shelf life:**

Lagerung:	Kühl und trocken, vor Licht geschützt und in dicht verschlossenen, vollständig gefüllten Behältnissen.
Haltbarkeit:	Im Originalgebinde mindestens 15 Monate.
Storage:	Cool, dry, protected against light, in sealed and completely filled packages. Shelf life: In original packaging minimum 15 months.

### **Information:**

Je nach Anbaubedingungen und Sorten können Schwankungen in obigen Kenndaten auftreten. Diese Spezifikation entbindet den Bezieher unserer Produkte nicht von seiner Qualitätsverantwortung und Sorgfaltspflicht.

Depending on agricultural conditions and species the above values are subject to natural fluctuations. This specification does not release the purchaser of our products from his duty of care and responsibility.

**Produkt / Product:**    **Macadamianussöl, kbA**  
                                  **Macadamianut oil, organic**

	Allergene / allergenes  Verwendung allergener Zutaten gemäß EU-Einstufung  <i>Ingredients with potential allergens in accordance with EU</i>	Rezeptur <i>recipe</i>		evtl. Kreuz- kontamination <i>possible cross- contamination</i>		Erläuterung bei möglicher Kreuzkontamination <i>explanation for possible cross- contamination</i>
		ja yes	nein no	ja yes	nein no	
1.	<b>Glutenhaltiges Getreide (Weizen, Roggen, Gerste, Hafer, Dinkel, Kamut oder Hybridstämme)</b> <i>cereals containing gluten wheat, rye, barley, oat, spelt, kamut or hybrids</i>		x		x	
2.	<b>Krebstiere und –erzeugnisse, Muscheln</b> <i>crustaceans and products thereof, mussels</i>		x		x	
3.	<b>Eier und –erzeugnisse</b> <i>eggs and products thereof</i>		x		x	
4.	<b>Fisch und –erzeugnisse</b> <i>fish and products thereof</i>		x		x	
5.	<b>Erdnüsse und –erzeugnisse</b> <i>peanuts and products thereof</i>		x		x	
6.	<b>Soja und –erzeugnisse</b> <i>soy and products thereof</i>		x		x	
7.	<b>Milch und –erzeugnisse (inkl. Laktose)</b> <i>milk and products thereof (including lactose)</i>		x		x	
8.	<b>Schalenfrüchte und daraus hergestellte Produkte (Mandel-, Hasel-, Wal-, Cashew-, Pecan-, Para-, Macadamia-, Queenslandnuss, Pistazie)</b> <i>nuts and products thereof (almonds, hazelnuts, walnuts, cashews, pecan nuts, Brazil nuts, macadamia nuts, Queensland nuts, pistachios)</i>	x				<b>100 % Macadamianussöl</b>  <b>100 % Macadamianut oil</b>
9.	<b>Sellerie und –erzeugnisse</b> <i>celery and products thereof</i>		x		x	
10.	<b>Senf und –erzeugnisse</b> <i>mustard and products thereof</i>		x		x	
11.	<b>Sesamsamen und –erzeugnisse</b> <i>sesame seeds and products thereof</i>		x		x	
12.	<b>Schwefeldioxid und Sulfite</b> <i>sulfite dioxide and products thereof</i>		x		x	
13.	<b>Lupine und –Erzeugnisse</b> <i>lupine and products thereof</i>		x		x	
14.	<b>Weichtiere und Weichtiererzeugnisse</b> <i>molluscs and products thereof</i>		x		x	
15.	<b>Sonstige / others</b>		x		x	

Allergenliste / Alba Liste  
Allergens / Alba List

Produkt / Product: **Macadamianussöl, kbA**  
**Macadamianut oil, organic**

	Verwendung allergener Zutaten gemäß ALBA-Liste  <i>Ingredients with potential allergens in accordance ALBA-List</i>	Rezeptur <i>recipe</i>		evtl. Kreuz- kontamination <i>possible cross- contamination</i>		Erläuterung bei möglicher Kreuzkontamination <i>explanation for possible cross- contamination</i>
		ja yes	nein no	ja yes	nein no	
1.	<b>Kuhmilch / Cow milk</b>		x		x	
2.	<b>Laktose</b>		x		x	
3.	<b>Ei / Hen's egg protein</b>		x		x	
4.	<b>Soja/ Soya</b>		x		x	
5.	<b>Glutenhaltiges Getreide / cereals containing gluten (Weizen, Roggen, Gerste, Hafer, Dinkel, Kamut) / (wheat, rye, barley, oat, spelt, kamut or hybrids)</b>		x		x	
6.	<b>Lupine / Lupin</b>		x		x	
7.	<b>Weichtiere / Mollusca</b>		x		x	
8.	<b>Rind / Beef</b>		x		x	
9.	<b>Schwein / Porc</b>		x		x	
10.	<b>Hühnerfleisch / Chicken</b>		x		x	
11.	<b>Fisch / Fish</b>		x		x	
12.	<b>Krebstiere und Muscheln / Crustaceans and mussels</b>		x		x	
13.	<b>Mais / Maize</b>		x		x	
14.	<b>Kakao (Kakaobutter) / Cocoa</b>		x		x	
15.	<b>Hülsenfrüchte / Vegetable Pulses</b>		x		x	
16.	<b>Nüsse, Schalenfrüchte / Nuts (Mandel-, Hasel-, Wal-, Cashew-, Pecan-, Para-, Macadamianuss, Pistazie) (almonds, hazelnuts, walnuts, cashews, pecan nuts, Brazil nuts, macadamia nuts, pistachios)</b>	x				<b>100 % Macadamianussöl</b>  <b>100 % Macadamianut oil</b>
17.	<b>Erdnüsse / Peanuts</b>		x		x	
18.	<b>Sesam / Sesame seeds</b>		x		x	
19.	<b>Glutamat / Glutamate</b>		x		x	
20.	<b>Sulfit (E220 bis E 228) / Sulfit (E220- bis 228)</b>		x		x	
21.	<b>Koriander / Coriander</b>		x		x	
22.	<b>Sellerie / Celery and products thereof</b>		x		x	
23.	<b>Karotte / Carrot</b>		x		x	
24.	<b>Senf / Mustard and products there- of</b>		x		x	